



SEQUENCE LISTING

<110> Leviten, Michael W.

<120> TRANSGENIC MICE CONTAINING  
UBIQUITIN-SPECIFIC PROTEASE GENE DISRUPTIONS

<130> R-456

<140> US 09/904,181

<141> 2001-07-11

<150> US 60/217,350

<151> 2000-07-11

<150> US 60/223,169

<151> 2000-08-07

<150> US 60/301,214

<151> 2001-06-26

<160> 3

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 633

<212> DNA

<213> Mus musculus

<400> 1

```
ttcggatcct tggaccttcc cggttcttct accccattct ggcccttgag cccagggagc 60
gagggcagtg tggttaatgg ggagagccat gcatccggga ccaccactct cacagactgc 120
ctgcgaagat ttaccagacc agagcactta ggaagcagtg ccaagatcaa gtgtagcggg 180
tgccatagct accaagagtc cacaagcag ctcaccatga agaagctgcc cattgtggcc 240
tgtttccatc tcaaacgatt tgaacactca gccaaacttc ggcggaagat caccacatat 300
gtgtcttttc ccctggaact ggacatgacg cccttcattg cctccagcaa agagagcagg 360
atgaatgggc aataccagca gcccctggac agtctcaaca atgacaacaa atactccctg 420
tttgctgtcg ttaaccatca agggaccttg gagagtggcc actacaccag cttcatccgg 480
cagcacaaaag accagtgggt caagtgtgat gacgccatta tcaccaaggc cagcatcaaa 540
gatgtactgg acagtgaagg gtactactct tctatcacia acagttcctg gattacgagt 600
agctcctgcc ttgctggcca gagaaagaga gag 633
```

<210> 2

<211> 200

<212> DNA

<213> Artificial Sequence

<220>

<223> Targeting vector

<400> 2

```
agatgacacc tttaactact ggtgaacttt gagtgataaa ataactctgtt cccctttctt 60
ccatgtcctc atgtctttta cttttccctt tccatgttt atttttttaa taaaaacacg 120
ttttttaaat gccttgtaga ttaccagac cagagcactt aggaagcagt gccaatgata 180
agtgtagcgg ttgccatctc
```

<210> 3

<211> 200

<212> DNA  
<213> Artificial Sequence

<220>  
<223> Targeting vector

<400> 3  
tgacgccctt catggcctcc aggtagaaag ggttggtgct cctgtgtctg agtgggaagg 60  
caagttgtct agtgggtgct taccacagtgc cagcctttag acatggtaat gacagctatc 120  
caggcctcac cgccacccca gaacttacct aagcttactg tgggctaccc atttgtaactc 180  
ttaacatccc tcattcattta 200